



A two-component, hybridized finish coat of polysiloxane and acryl resin with excellent weather resistance, color and gloss retention. It also displays good resistance to chemicals, solvent, sea water and provides extended lifetime of exposed parts.

Recommended use	As a finish for protective and marine coatings which require excellent weatherability, color and gloss retention.
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Physical Properties

Finish and Color	High gloss. White (1000), Grey (1128), Black (1999) * For more available color, consult with KCC's business department.					
Specific gravity	Approx. 1.0 ~ 1.2 for Mixture of Base and Curing agent.					
Solids by volume	Approx. 60 % (Determined by ISO 3233)					
Spreading rate (Theoretical)	12 m ² /L in 50 μm dry film thickness on a smooth surface.					
Flash point	Base (ST1020 PTA) : 26 °C / 79 °F (Closed cup) Curing agent (ST1020 PTB) : 149°C / 300 F (Closed cup)					
chemical resistance		Acids	Alkalis	Solvents	Salts	Water
	Splash & Spillage	Good	Good	Good	Excellent	Excellent
	Fumes	Good	Good	Good	Excellent	Excellent

Application details

Surface preparation	Remove any oil, grease, dirt and any other contaminants from the surface before painting by proper method such as solvent cleaning and fresh water washing, etc.
Preceding coat	According to specification.
Method of application	Spray (Airless or Air), Roller or Brush application. For airless spray application : Nozzle orifice : 381 μm ~ 533 μm (0.015" ~ 0.021") Output pressure : 11.7 MPa ~ 15.2 MPa Fan : 40 ° ~ 60 ° (Airless spray data are indicative and subject to adjustment)
Mixing	Base (Part A) : Curing Agent (Part B) = 5 : 1 (by volume) Mix thoroughly together prior to application in the proportions with power agitator as delivered.
Thinning	Thinner No. 0624 Do not dilute each components separately.
Application conditions	The surface should be completely cleaned and dried. Do not apply when relative humidity is above 85 %. The surface temperature should be at least 2.7 °C (5 °F) above dew point to prevent condensation. In confined areas, ventilate with clean air during application to assist solvent evaporation.
Film thickness	50 μm dry.

Drying time	Substrate temperature	5 °C/41 °F	20 °C/68 °F	30 °C/86 °F
	Set to touch	4 h	3 h	2 h
	Dry through	36 h	24 h	18 h
	* The actual drying time is subject to the film thickness, ventilation, humidity etc., and drying time under other temperature conditions should be checked and informed by KCC.			
Pot life	4 h at 20 °C/68 °F			
Recoating interval	At 20°C / 68°F □F, Minimum : 18 h Maximum : Free Before overcoating, remove the oil, salt, chalking material and any other contaminants on aged coating film completely by proper cleaning method such as solvent cleaning and/or fresh water washing.			
Heat resistance temperature	Continuous : 93 °C/200 °F (Non-immersion service) Non-continuous : 121 °C/250 °F (Non-immersion service)			
Storage and package				
Shelf life	12 months			
Packing Unit	15 L (ST1020 PTA : 12.5 L, ST1020 PTB : 2.5 L)			
Remarks				
Handling	* Do not store at temperature below 5 °C/41 °F or above 40 °C/104 °F.			
Precautions	* Protect skin and eyes from direct contact with liquid paint, and avoid prolonged breathing of solvent vapors. * Use with adequate ventilation. * Respiratory protection is recommended when applying this product in confined spaces or stagnant air.			
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Disclaimer : The information in this data sheet is believed to the best of our knowledge based on laboratory test and practical experience. However, there are many factors affecting the performance of product and the product quality itself, so we are not able to guarantee without the confirmation of the purpose of using the product from us in writing. We reserve the right to change the data without notice and you should check that this data sheet is current prior to using the product.

